1986 NORTH DAKOTA

VEHICULAR ACCIDENT FACTS

Drivers License & Traffic Safety Division
North Dakota State Highway Department

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VEHICULAR ACCIDENT FACTS

June 1987

Prepared by
NORTH DAKOTA STATE HIGHWAY DEPARTMENT
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ACKNOWLEDGEMENTS

VEHICULAR ACCIDENT FACTS is a valuable reference for news media, legislators, researchers, law enforcement agencies, judicial personnel, insurance companies, businesses and persons involved in traffic safety activities.

The summary of statistics in this annual booklet is helpful in analyzing where the professionals can best concentrate their safety efforts. It also carries a message to everyone who gets behind the wheel. Safety is everyone's business.

The Drivers License and Traffic Safety Division is responsible for collecting, analyzing and publishing this accident report.

We wish to extend a deserving "Thank You" to the state, county, city and all law enforcement personnel who provide the accident reports from which these statistics are obtained. Their efforts make this report possible.

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INTRODUCTION

Crash statistics are an important element in North Dakota's traffic safety program. It is only through careful analysis of crashes that pertinent information can be learned about their causes. Corresponding solutions can then be found—laws can be introduced, safety precautions can be taken, enforcement can be increased and highway improvements can be made.

This annual report is a study of the data compiled from motor vehicle traffic crashes for all street and highway systems in North Dakota in 1986. The North Dakota Highway Department's computerzied Traffic Records System collects and thoroughly analyzes data on all motor vehicle traffic collisions occuring in the state. Pertinent information is maintained concerning drivers, motor vehicles, highways and traffic crashes. Due to its many uses, the report furnishes various tables about crashes, deaths, injuries and economic losses in numerous different categories (time of day, day of week, month, sex, age, etc.).

Requests for further information or additional copies of this report should be addressed to:

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Bismarck, North Dakota 58505-0700
(701) 224-4352 — (701) 224-4404.

DID YOU KNOW?

1984	1985	1986	
5,503,584,000	5,579,200,000	5,633,676,000	vehicle miles traveled within the state.
15,112	14,646	13,546	traffic accidents occurred in North Dakota.
100	90	100	persons were killed in traffic accidents.
5,413	5,509	5,447	persons were injured in traffic accidents.
45%	52%	58%	of the fatal accidents occurred during daylight hours.
75%	74%	74%	of the fatal accidents occurred on dry surface with clear/cloudy weather conditions.

1986 FACTS AND FIGURES

WHO?

4.9% of all licensed drivers in North Dakota were involved in a traffic accident.
72% of all fatalities were male.
28% of those killed were between the ages of 14-24. Males in this age group account for 32% of all male fatalities. Females in this age group account for 18% of all female fatalities.

Ratio of injured to killed was 5,447 to 100 or 54 to 1.

58% of the fatal accidents involved a single motor vehicle.

WHERE?

16% of the fatal accidents occurred in urban areas.
84% of the fatal accidents occurred in rural areas.

WHEN?

32% of all fatal accidents occurred in July and August.
18% of all fatal accidents occurred on Saturday.
34% of all the fatal accidents occurred on Friday and Saturday.
9% of all fatal accidents occurred between 10:00-10:59 a.m.

A reportable accident occurred every 39 minutes.
One person was injured every 1.6 hours.
One person was killed every 3.7 days.

61% of the vehicles involved in accidents were passenger cars.

The total number of registered motorcycles in 1986 was 28,118 compared to 30,596 in 1985.

Of the 292 motorcycles involved in accidents, 7 were involved in fatal accidents and 253 were involved in injury accidents.

Of the 133 pedalcycles involved in accidents, 0 were involved in fatal accidents and 131 were involved in injury accidents.

Of the 49 school buses involved in accidents, 1 was involved in a fatal accident and 15 were involved in injury accidents.

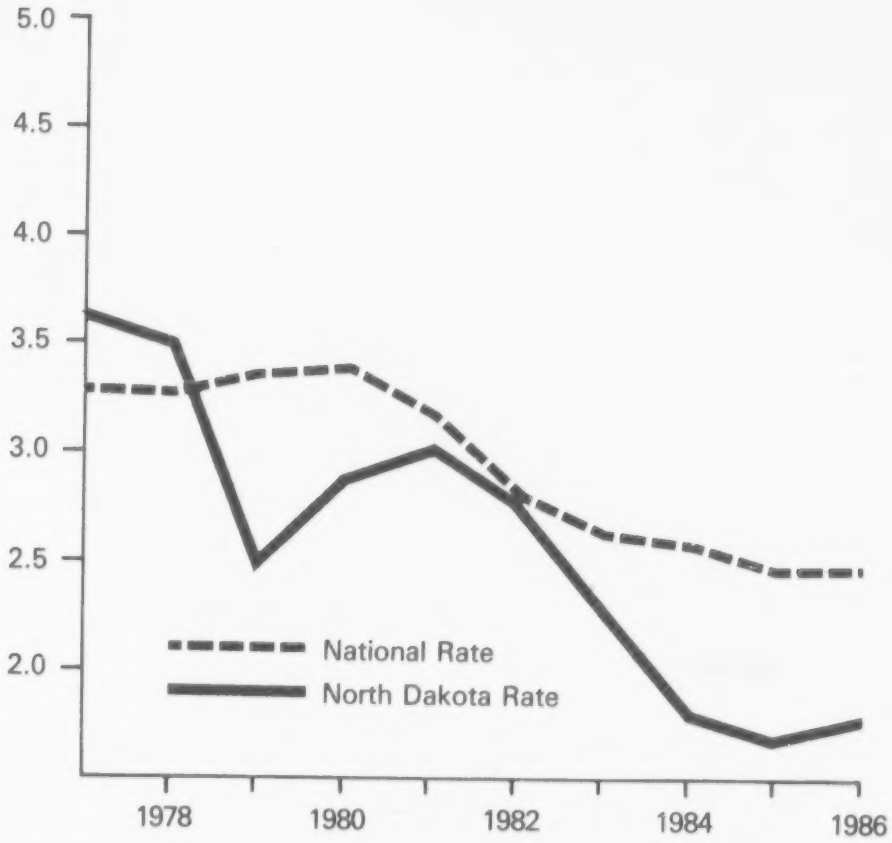
31 emergency vehicles were involved in accidents, none were involved in fatal accidents and 11 were involved in injury accidents.

COST OF TRAFFIC ACCIDENTS

Year	Fatalities Number	Fatalities Estimated Loss*	Injuries Number	Injuries Estimated Loss*	Property Damage Accidents Number	Property Damage Accidents Estimated Loss*	Total Estimated Loss*
1977	180	$51,691,500	6,346	$20,212,010	13,318	$6,925,360	$78,828,870
1978	185	53,127,375	6,206	19,766,110	13,756	7,153,120	80,046,605
1979	128	36,758,400	6,386	20,339,410	13,850	7,202,000	64,299,810
1980	151	43,363,425	5,885	18,743,725	10,744	5,586,880	67,694,030
1981	166	47,671,050	6,213	19,788,405	11,069	5,755,880	73,215,335
1982	148	42,501,900	5,814	18,517,590	11,866	6,170,320	67,189,810
1983	116	33,312,300	5,504	17,530,240	10,971	5,704,920	56,547,460
1984	100	28,717,500	5,413	17,240,405	11,389	5,922,280	51,880,185
1985	90	25,845,750	5,509	17,546,165	10,895	5,665,400	49,057,315
1986	100	$28,717,500	5,447	$17,348,695	9,774	$5,082,480	$51,148,675

*Estimated at $287,175 per fatality, $3,185 per injury and $520 per reportable accident.
Estimated figures published by U.S. Department of Transportation, National Highway Traffic Safety Administration.

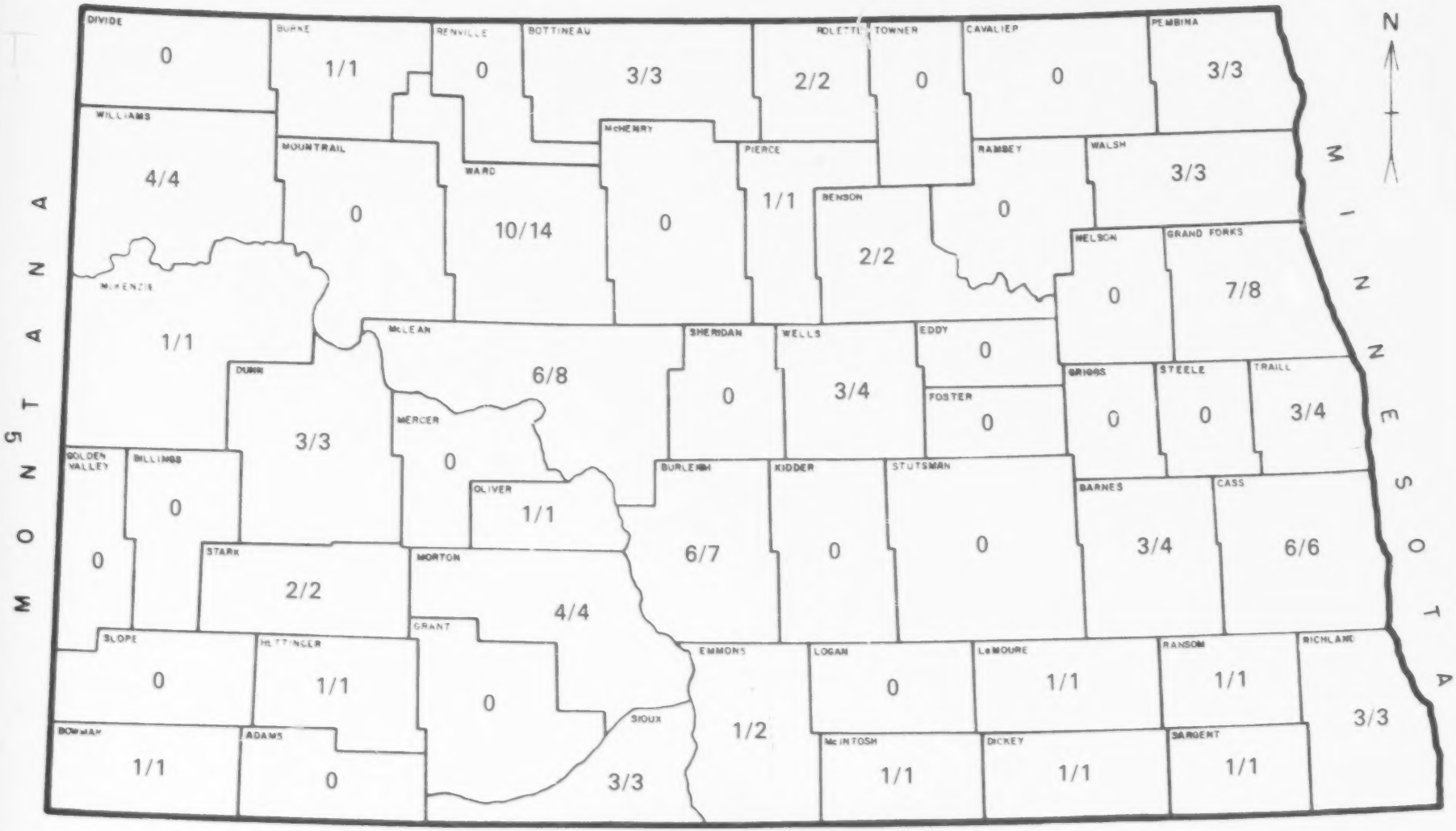
FATALITIES, NORTH DAKOTA AND NATIONAL FATALITY RATE*



YEAR	NORTH DAKOTA FATALITIES	NORTH DAKOTA RATE	NATIONAL** FATALITIES	NATIONAL** RATE
1977	180	3.63	47,878	3.26
1978	185	3.50	50,331	3.26
1979	128	2.50	51,093	3.34
1980	151	2.85	51,077	3.38
1981	166	3.04	49,338	3.18
1982	148	2.75	43,990	2.80
1983	116	2.13	42,458	2.60
1984	100	1.82	44,250	2.57
1985	90	1.67	43,500	2.46
1986	100	1.78	45,800	2.46

*Rate is based on deaths per 100 million vehicle miles traveled.
**National figures are preliminary estimates as of April 14, 1987, from the Federal Highway Administration.

FATAL CRASHES/FATALITIES BY COUNTY - 1986



STATE TOTAL
Fatal Accidents - 88
Fatalities - 100

PERSONS KILLED AND INJURED BY COUNTY

County	Number Killed	Number Injured	Pedestrians Killed	Pedestrians Injured
Adams	—	8	—	—
Barnes	4	136	—	2
Benson	2	44	—	2
Billings	—	23	—	1
Bottineau	3	70	—	—
Bowman	1	25	—	1
Burke	1	14	—	—
Burleigh	7	651	1	37
Cass	6	1,051	1	24
Cavalier	—	41	—	—
Dickey	1	33	—	—
Divide	—	28	—	1
Dunn	3	34	—	—
Eddy	—	8	—	—
Emmons	2	35	—	1
Foster	—	39	—	—
Golden Valley	—	10	—	—
Grand Forks	8	684	—	18
Grant	—	16	—	—
Griggs	—	16	—	1
Hettinger	1	33	—	—
Kidder	—	47	—	—
LaMoure	1	30	—	—
Logan	—	12	—	—
McHenry	—	46	—	—
McIntosh	1	20	—	—
McKenzie	1	61	—	—
McLean	8	69	—	1
Mercer	—	61	—	3
Morton	4	179	—	5
Mountrail	—	58	—	—
Nelson	—	31	—	—
Oliver	1	24	—	1
Pembina	3	80	1	1
Pierce	1	42	—	—
Ramsey	—	87	—	7
Ransom	1	20	—	—
Renville	—	21	—	—
Richland	3	103	—	2
Rolette	2	105	—	1
Sargent	1	30	—	2
Sheridan	—	20	—	1
Sioux	3	15	—	—
Slope	—	10	—	—
Stark	2	147	—	8
Steele	—	19	—	—
Stutsman	—	306	—	10
Towner	—	16	—	—
Traill	4	50	—	3
Walsh	3	108	1	5
Ward	14	432	—	10
Wells	4	51	—	—
Williams	4	148	—	6
TOTALS	100	5,447	4	154

REPORTABLE ACCIDENTS BY COUNTY

County	Total	Percent	Fatal	Injury	Property Damage
Adams	39	0.3	–	6	33
Barnes	297	2.2	3	93	201
Benson	142	1.0	2	26	114
Billings	43	0.3	–	17	26
Bottineau	151	1.1	3	36	112
Bowman	57	0.4	1	17	39
Burke	46	0.3	1	10	35
Burleigh	1,451	10.7	6	448	997
Cass	2,654	19.6	6	725	1,923
Cavalier	103	0.8	–	31	72
Dickey	131	1.0	1	24	106
Divide	56	0.4	–	20	36
Dunn	58	0.4	3	22	33
Eddy	47	0.4	–	6	41
Emmons	92	0.7	1	21	70
Foster	76	0.6	–	19	57
Golden Valley	33	0.2	–	7	26
Grand Forks	1,611	11.9	7	484	1,120
Grant	58	0.4	–	15	43
Griggs	38	0.3	–	13	25
Hettinger	42	0.3	1	12	29
Kidder	121	0.9	–	34	87
LaMoure	64	0.5	1	19	44
Logan	35	0.3	–	7	28
McHenry	111	0.8	–	25	86
McIntosh	51	0.4	1	13	37
McKenzie	146	1.1	1	40	105
McLean	197	1.5	6	45	146
Mercer	148	1.1	–	41	107
Morton	468	3.5	4	121	343
Mountrail	111	0.8	–	36	75
Nelson	97	0.7	–	17	80
Oliver	53	0.4	1	16	36
Pembina	167	1.2	3	47	117
Pierce	98	0.7	1	20	77
Ramsey	307	2.3	–	60	247
Ransom	86	0.6	1	16	69
Renville	60	0.4	–	14	46
Richland	301	2.2	3	67	231
Rolette	153	1.1	2	50	101
Sargent	57	0.4	1	19	37
Sheridan	15	0.1	–	7	8
Sioux	26	0.2	3	8	15
Slope	20	0.2	–	8	12
Stark	443	3.3	2	113	328
Steele	43	0.3	–	12	31
Stutsman	670	4.9	–	204	466
Towner	46	0.3	–	12	34
Traill	158	1.2	3	39	116
Walsh	320	2.4	3	82	235
Ward	1,205	8.9	10	300	895
Wells	124	0.9	3	32	89
Williams	420	3.1	4	108	308
TOTALS	13,546	100.0	88	3,684	9,774

MOTOR VEHICLE FATALITIES ON MAJOR HOLIDAYS

Holiday	Beginning Date	Ending Date	Hours*	Number Deaths
Memorial Day	May 23	May 26	78	–
July 4th	July 3	July 6	78	1
Labor Day	Aug. 29	Sept. 1	78	3
Thanksgiving	Nov. 26	Nov. 30	102	–
Christmas	Dec. 23	Dec. 25	54	1
New Years	Dec. 30, 1986	Jan. 1, 1987	54	1
			TOTAL	6

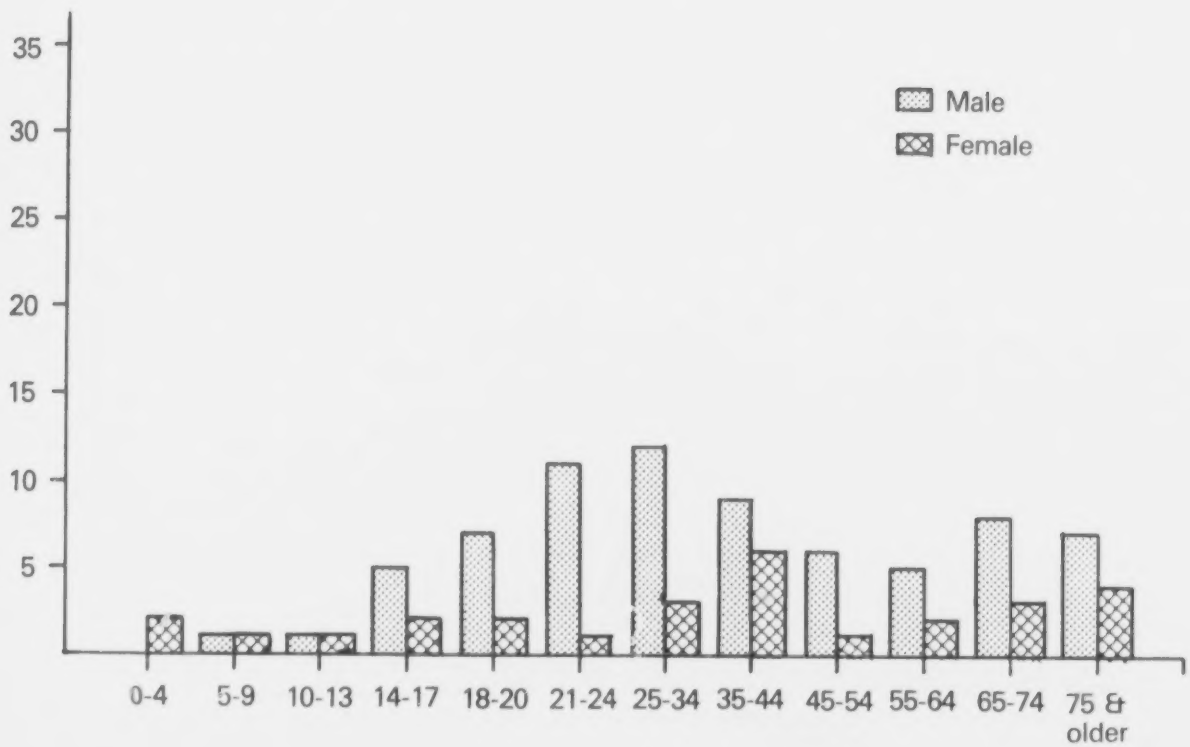
*Holiday hours established by the National Safety Council and begin at 6:00 p.m. on date shown, and end at 12:00 p.m. on date shown.

TOTAL AND FATAL ACCIDENTS BY TIME OF DAY AND DAY OF WEEK

Time of Day	Total Accidents			Monday		Tuesday		Wednesday		Thursday		Friday		Saturday		Sunday	
	Total	%	Fatals	Accid.	Fatals	Accid.	Fatals	Accid.	Fatals	Accid.	Fatals	Accid.	Fatals	Accid.	Fatals	Accid.	Fatals
12:01 a.m. - 12:59 a.m.	430	3.2	3	20	—	46	—	47	—	34	—	54	—	138	2	91	1
1:00 a.m. - 1:59 a.m.	512	3.8	5	13	—	37	—	38	1	63	—	62	—	168	3	132	1
2:00 a.m. - 2:59 a.m.	285	2.1	3	4	—	29	1	34	—	30	—	30	—	78	—	80	2
3:00 a.m. - 3:59 a.m.	202	1.5	1	9	—	15	—	13	—	17	—	21	—	64	1	63	—
4:00 a.m. - 4:59 a.m.	124	0.9	1	10	—	6	—	10	1	11	—	17	—	37	—	33	—
5:00 a.m. - 5:59 a.m.	161	1.2	1	19	—	20	—	17	—	15	—	19	—	35	1	36	—
6:00 a.m. - 6:59 a.m.	228	1.7	3	39	—	38	1	35	—	29	1	31	1	30	—	26	—
7:00 a.m. - 7:59 a.m.	535	3.9	5	97	—	105	—	91	—	86	—	92	3	39	2	25	—
8:00 a.m. - 8:59 a.m.	595	4.4	2	104	—	118	1	100	1	95	—	103	—	50	—	25	—
9:00 a.m. - 9:59 a.m.	532	3.9	2	81	1	81	—	73	—	97	—	82	—	75	1	43	—
10:00 a.m. - 10:59 a.m.	568	4.2	4	86	1	66	—	86	—	86	1	93	1	95	—	56	1
11:00 a.m. - 11:59 a.m.	662	4.9	3	85	1	110	—	91	1	87	—	119	—	114	1	56	—
12:00 p.m. - 12:59 p.m.	832	6.1	6	118	1	95	1	123	2	113	—	185	1	110	—	88	1
1:00 p.m. - 1:59 p.m.	701	5.2	2	101	—	93	1	115	1	101	—	119	—	107	—	65	—
2:00 p.m. - 2:59 p.m.	760	5.6	4	122	2	116	—	115	—	98	—	126	2	104	—	79	—
3:00 p.m. - 3:59 p.m.	937	6.9	7	159	1	140	3	145	1	148	2	166	—	117	—	62	—
4:00 p.m. - 4:59 p.m.	1,002	7.4	2	135	—	147	—	154	—	141	—	174	1	150	1	100	—
5:00 p.m. - 5:59 p.m.	898	6.6	6	119	—	123	1	144	2	145	—	167	—	113	1	87	2
6:00 p.m. - 6:59 p.m.	687	5.1	6	122	3	77	2	107	—	94	—	113	—	88	1	86	—
7:00 p.m. - 7:59 p.m.	603	4.5	2	84	—	70	—	75	—	87	—	110	—	100	—	77	2
8:00 p.m. - 8:59 p.m.	595	4.4	3	84	—	80	—	75	1	81	—	113	1	92	—	70	1
9:00 p.m. - 9:59 p.m.	634	4.7	5	84	2	67	—	91	1	86	—	141	1	103	—	62	1
10:00 p.m. - 10:59 p.m.	584	4.3	8	81	—	53	3	87	1	69	—	122	3	114	1	58	—
11:00 p.m. - 11:59 p.m.	479	3.5	4	44	1	35	—	52	—	69	1	140	—	98	1	41	1
TOTALS	13,546	100.0	88	1,820	13	1,767	14	1,918	13	1,882	5	2,399	14	2,219	16	1,541	13

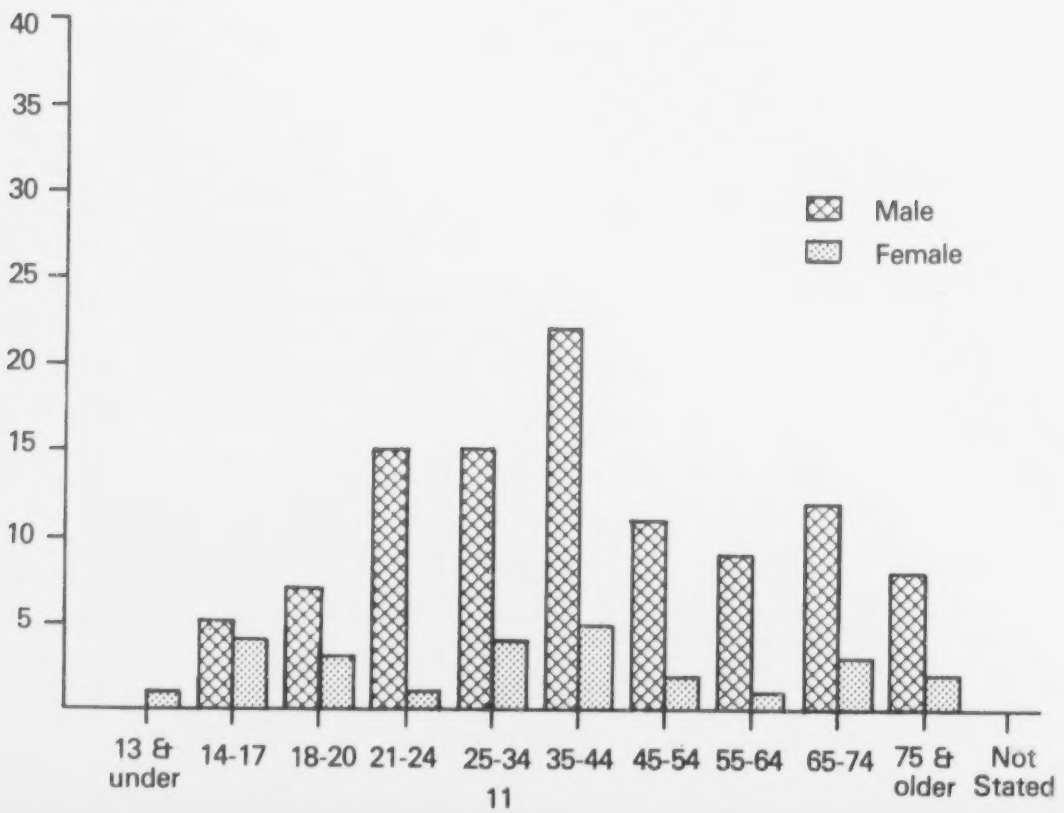
AGE AND SEX OF FATALITIES

Age	Total Fatalities Male	Total Fatalities Female	Pedestrian Fatalities Male	Pedestrian Fatalities Female	Pedalcyclist Fatalities Male	Pedalcyclist Fatalities Female
0 – 4	–	2	–	–	–	–
5 – 9	1	1	–	1	–	–
10 – 13	1	1	–	–	–	–
14 – 17	5	2	–	–	–	–
18 – 20	7	2	–	–	–	–
21 – 24	11	1	–	–	–	–
25 – 34	12	3	1	–	–	–
35 – 44	9	6	–	1	–	–
45 – 54	6	1	–	–	–	–
55 – 64	5	2	–	–	–	–
65 – 74	8	3	–	–	–	–
75 & older	7	4	–	1	–	–
Unknown	–	–	–	–	–	–
TOTAL	72	28	1	3	0	0



AGE AND SEX OF DRIVERS INVOLVED IN FATAL ACCIDENTS

Age	Male	Female	Total	% of Total
13 & under	—	1	1	0.8
14 — 17	5	4	9	6.9
18 — 20	7	3	10	7.7
21 — 24	15	1	16	12.3
25 — 34	15	5	20	15.4
35 — 44	22	5	27	20.8
45 — 54	11	2	13	10.0
55 — 64	8	1	9	6.9
65 — 74	12	3	15	11.5
75 & older	8	2	10	7.7
Not Stated	—	—	—	—
TOTAL	103	27	130	100.0



AGE AND SEX OF PERSONS INJURED

Age	Total	All Injuries Percent	Male	Female	Pedestrian Injuries Male	Pedestrian Injuries Female	Pedalcyclist Injuries Male	Pedalcyclist Injuries Female
0 – 4	146	2.7	85	61	9	6	1	–
5 – 9	201	3.7	115	86	15	12	22	5
10 – 13	155	2.8	87	68	11	4	17	11
14 – 17	771	14.1	388	383	6	2	14	8
18 – 20	760	14.0	409	351	9	4	10	7
21 – 24	753	13.8	429	324	5	2	10	4
25 – 34	1,015	18.6	591	424	6	5	11	3
35 – 44	515	9.5	253	262	8	4	3	1
45 – 54	320	5.9	156	164	7	3	2	–
55 – 64	281	5.2	137	144	7	5	1	1
65 – 74	229	4.2	107	122	2	5	–	–
75 & older	158	2.9	76	82	4	8	–	–
Unknown	143	2.6	55	88	3	2	1	3
TOTAL	5,447	100.0	2,888	2,559	92	62	92	43

ACCIDENT INVOLVEMENT BY AGE, SEX AND LICENSE OF DRIVER

Age	Licensed Drivers	Percent	Involved in All Accidents	Percent	Involved in Injury Accidents	Percent
13 and under	—	—	95	0.4	75	1.3
14 — 17	22,644	5.0	2,360	10.9	705	11.8
18 — 20	26,532	6.0	2,883	13.3	876	14.6
21 — 24	40,784	9.0	3,225	14.8	920	15.3
25 — 34	109,045	25.0	5,220	24.0	1,398	23.3
35 — 44	78,022	18.0	2,903	13.3	740	12.3
45 — 54	52,600	12.0	1,576	7.2	417	6.9
55 — 64	51,116	11.0	1,359	6.3	364	6.1
65 — 74	41,620	9.0	1,078	5.0	269	4.5
75 and older	21,787	5.0	1,044	4.8	236	3.9
Not Stated	—	—	8	—	1	—
TOTAL	444,150	100.0	21,751	100.0	6,001	100.0
Sex						
Male	227,977	51.3	13,972	64.2	3,774	62.9
Female	216,173	48.7	7,388	34.0	2,158	36.0
Not Stated	—	—	391	1.8	69	1.1
TOTAL	444,150	100.0	21,751	100.0	6,001	100.0

DRIVER INVOLVEMENT

License	All Accidents	Percent	Injury Accidents	Percent
North Dakota	18,070	83.1	4,880	81.3
Out-of-State	2,861	13.1	787	13.1
Unknown	820	3.8	334	5.6
TOTAL	21,751	100.0	6,001	100.0

ALCOHOL STATISTICS

The North Dakota Century Code requires that the State Toxicologist analyze a blood sample of every person killed in a traffic accident for the purpose of determining if the individual has a Measurable Blood Alcohol Content (BAC), and what the percentage of BAC was. The following statistics were provided by the State Toxicologist for the period January 1977 thru December 1986.

	1986	January 1977 thru December 1986
Traffic Deaths in North Dakota	100	1,369
Victims 14 years of age and older	94	1,288
Number of satisfactory blood samples analyzed	61	909
Victims	100 (61)*	1,369 (909)*
Measurable BAC	32 or 52%	581 or 64%
BAC of 0.05% or higher	29 or 48%	534 or 59%
BAC of 0.10% or higher	27 or 44%	471 or 52%
BAC of 0.15% or higher	21 or 34%	376 or 41%
BAC of 0.20% or higher	9 or 15%	225 or 25%
Drivers Killed	66 (49)*	885 (664)*
Measurable BAC	27 or 55%	434 or 65%
BAC of 0.05% or higher	24 or 49%	403 or 61%
BAC of 0.10% or higher	22 or 45%	365 or 55%
BAC of 0.15% or higher	17 or 35%	291 or 44%
BAC of 0.20% or higher	8 or 16%	177 or 27%
Drivers Killed in Single Vehicle Accidents	29 (23)*	389 (313)*
Measurable BAC	16 or 70%	246 or 79%
BAC of 0.05% or higher	16 or 70%	240 or 77%
BAC of 0.10% or higher	16 or 70%	229 or 73%
BAC of 0.15% or higher	14 or 61%	189 or 60%
BAC of 0.20% or higher	6 or 26%	121 or 39%
Victims 14 to 20 Years of Age	16 (9)*	323 (221)*
Measurable BAC	5 or 56%	148 or 67%
BAC of 0.05% or higher	5 or 56%	128 or 58%
BAC of 0.10% or higher	5 or 56%	101 or 46%
BAC of 0.15% or higher	3 or 33%	60 or 27%
BAC of 0.20% or higher	0 or 0%	23 or 10%
Drivers 14 to 20 Years of Age	10 (7)*	188 (142)*
Measurable BAC	4 or 57%	96 or 68%
BAC of 0.05% or higher	4 or 57%	87 or 61%
BAC of 0.10% or higher	4 or 57%	73 or 51%
BAC of 0.15% or higher	2 or 29%	45 or 32%
BAC of 0.20% or higher	0 or 0%	17 or 12%

*Numbers in parenthesis are the number of blood samples processed by the State Toxicologist.

DRIVERS LICENSE AND TRAFFIC SAFETY DIVISION
TRAFFIC VIOLATIONS/CONVICTIONS

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	1986	1985
No Driver's License	135	88	116	153	161	179	228	145	212	229	144	145	1,935	2,476
Reckless Driving	27	30	19	39	30	42	43	13	26	52	24	48	393	600
Speeding	3,347	3,341	3,971	3,975	4,600	5,256	5,709	3,378	5,045	6,913	4,084	4,915	54,534	64,088
Fail to Stop	250	254	225	253	251	235	296	161	229	370	243	342	3,109	4,322
Careless Driving	44	45	35	34	47	67	53	34	32	62	43	43	539	810
Lv/Scene - Property Damage	17	6	17	20	18	14	25	18	20	17	10	21	203	222
Care Required	178	145	164	141	168	155	204	99	160	225	193	221	2,053	2,668
Exhibition Driving	68	51	49	80	100	126	148	90	116	178	94	63	1,163	1,511
Open Container in MV	91	94	123	118	157	154	187	112	142	154	90	92	1,514	2,141
Failure to Yield	142	98	81	65	84	78	86	50	76	139	109	126	1,134	1,548
Failed to Report Accident	29	31	25	23	28	21	25	21	21	39	21	34	318	444
Disregard Traffic Control	291	251	247	169	234	140	208	110	182	280	249	273	2,634	3,807
No Liability Insurance	45	43	45	31	52	50	54	27	44	79	45	61	576	788
Disregard Law Officer in MV	8	8	8	7	13	15	12	8	7	18	6	13	123	191
Driving Under Influence	258	210	200	309	234	372	201	18	236	402	253	280	2,973	4,941
Physical Control	40	29	18	27	17	38	25	2	20	45	22	33	316	473
Driving Under Susp./Revoc.	167	120	155	161	188	134	175	163	253	235	136	154	2,041	2,327
Violation of DL Restrictions	8	10	4	7	9	12	13	13	10	13	3	4	106	143
Racing MV on Highway	—	1	3	5	3	7	3	6	4	15	9	7	63	58
Miscellaneous	698	618	672	700	807	778	877	503	680	937	599	838	8,707	9,470
TOTALS	5,843	5,473	6,177	6,317	7,201	7,873	8,572	4,971	7,515	10,402	6,377	7,713	84,434	103,028

ACCIDENTS BY TYPE OF DRIVER VIOLATION/CIRCUMSTANCE

Violation/ Circumstance	All Accidents			Fatal Accidents			Injury Accidents		
	Total	Cited	Not Cited	Total	Cited	Not Cited	Total	Cited	Not Cited
D.U.I	605	599	6	5	5	—	341	340	1
Open Container	9	9	—	—	—	—	6	6	—
Drivers License	332	319	13	2	—	2	127	124	3
Careless Driving	1,894	1,689	205	7	5	2	687	630	57
Left. Acc. Scene	302	286	16	—	—	—	62	60	2
Fail to Yield	1,794	1,400	394	6	3	3	517	425	92
Traffic Control	387	317	70	1	1	—	129	107	22
Following	244	215	29	—	—	—	62	54	8
Improper Turning	145	107	38	—	—	—	29	22	7
Improper Backing	101	85	16	—	—	—	13	11	2
Overtaking	78	75	3	1	1	—	14	14	—
Wrong Way	76	62	14	—	—	—	25	21	4
Speed	40	21	19	1	—	1	20	14	6
Defective Equip.	44	39	5	—	—	—	18	14	4
Criminal Offense	9	9	—	—	—	—	3	3	—
Illegal Parking	10	9	1	—	—	—	2	2	—
Other	60	58	2	—	—	—	14	14	—
Unknown	413	390	23	—	—	—	120	115	5
Not Stated	15,208	—	15,208	107	—	107	3,812	—	3,812
TOTALS	21,751	5,689	16,062	130	15	115	6,001	1,976	4,025

ACCIDENT SUMMARY BY MONTH

Month	Total Accidents	Percent	Fatal Accidents	Injury Accidents	No. Deaths	No. Injured
January	1,220	9.0	5	270	5	391
February	1,292	9.5	4	274	4	401
March	840	6.2	6	225	7	315
April	928	6.9	3	270	3	387
May	1,043	7.7	3	363	3	517
June	1,058	7.8	11	362	11	541
July	1,081	8.0	13	335	15	502
August	1,033	7.6	15	365	19	550
September	1,117	8.3	6	346	7	536
October	1,147	8.5	11	336	13	505
November	1,618	11.9	4	289	5	434
December	1,169	8.6	7	249	8	368
TOTALS	13,546	100.0	88	3,684	100	5,447

ROAD SURFACE AND WEATHER CONDITIONS

FATAL ACCIDENTS

	Dry	Wet	Muddy	Snow	Slush	Ice/ Comp. Snow	Frost	Other	Total
	65	3	1	—	—	5	3	—	77
	—	5	—	—	—	1	—	—	6
	—	—	—	—	—	1	—	—	1
	—	—	—	—	—	1	—	—	1
	2	1	—	—	—	—	—	—	3
TOTAL	67	9	1	—	—	8	3	—	88

ROAD SURFACE AND WEATHER CONDITIONS

INJURY ACCIDENTS

	Dry	Wet	Muddy	Snow	Slush	Ice/ Comp. Snow	Frost	Other	Total
	2,374	180	11	46	14	403	66	12	3,106
	8	261	11	—	1	19	1	3	304
	5	5	—	29	2	71	—	—	112
	6	—	—	12	—	54	—	—	72
	—	4	—	2	1	21	—	—	28
	14	7	—	2	—	12	10	1	46
	1	—	—	1	1	1	1	1	6
	4	1	—	—	—	1	—	4	10
TOTAL	2,412	458	22	92	19	582	78	21	3,684

ROAD SURFACE AND WEATHER CONDITIONS

ALL ACCIDENTS

	Dry	Wet	Muddy	Snow	Slush	Ice/ Comp. Snow	Frost	Other	Total
	7,704	727	45	202	78	2,268	264	34	11,322
	28	832	32	1	6	53	1	6	959
	11	14	—	150	9	369	2	3	558
	25	2	—	68	7	239	2	1	344
	—	6	—	5	6	88	1	2	108
	61	25	3	4	1	46	36	2	178
	16	3	—	1	2	11	1	1	35
	17	4	—	1	—	5	—	15	42
TOTAL	7,862	1,613	80	432	109	3,079	307	64	13,546

ACCIDENTS BY LIGHT CONDITIONS

	Total Accidents	Percent	Fatal Accidents	Injury Accidents
	8,193	60.5	51	2,252
	267	2.0	1	62
	502	3.7	—	140
	2,066	15.2	5	572
	2,486	18.4	31	651
	32	0.2	—	7
TOTAL	13,546	100.0	88	3,684

RESTRAINT DEVICE USAGE AND EJECTION OF OCCUPANTS IN PASSENGER CARS AND PICKUPS

Safety Equipment	Not Ejected			Partial Ejection			Total Ejection		
	Killed	Injured	All	Killed	Injured	All	Killed	Injured	All
Not in Use (NA)	42	3,918	7,695	8	26	35	22	145	183
Lap Only	—	107	233	—	1	1	1	1	2
Lap & Shoulder	4	434	856	—	—	—	—	—	—
Child Restraint	—	27	90	—	2	2	—	1	1
Auto Belts	—	5	8	—	—	—	—	—	—
Equip. Failed	—	—	1	—	—	—	—	—	—
Other	1	14	24	—	—	—	—	—	—
Unknown	3	83	162	—	1	1	1	—	1
TOTAL	50	4,588	9,069	8	30	39	24	147	187

TYPE OF MOTOR VEHICLE TRAFFIC ACCIDENTS

NUMBER OF ACCIDENTS

	TOTAL				ON ROADWAY				OFF ROADWAY			
	Total	Fatal	Injury	Damage	Total	Fatal	Injury	Damage	Total	Fatal	Injury	Damage
Overturning	1,620	27	704	889	227	2	111	114	1,393	25	593	775
Other Noncollision	241	1	88	152	68	1	34	33	173	—	54	119
Pedestrian	144	5	136	3	134	5	127	2	10	—	9	1
Struck Other MV	7,654	37	1,993	5,624	7,509	36	1,959	5,514	145	1	34	110
Parked MV	943	—	126	817	—	—	—	—	943	—	126	817
RR Train	16	3	5	8	15	3	5	7	1	—	—	1
Pedalcyclist	131	—	128	3	117	—	114	3	14	—	14	—
Animal	1,341	—	52	1,289	1,336	—	49	1,287	5	—	3	2
Fixed Object	1,310	15	420	875	193	—	52	141	1,117	15	368	734
Fire/Explosion	35	—	—	35	25	—	—	25	10	—	—	10
Submersion	5	—	1	4	1	—	—	1	4	—	1	3
Other Object	103	—	30	73	45	—	13	32	58	—	17	41
Unknown	3	—	1	2	1	—	1	—	2	—	—	2
TOTAL	13,546	88	3,684	9,774	9,671	47	2,465	7,159	3,875	41	1,219	2,615

NUMBER OF PERSONS INVOLVED

	Total	Fatalities	Incapacitating Injury	Evident Injury	Possible Injury	No Injury
Overturning	2,686	28	189	414	426	1,629
Other Noncollision	398	1	14	64	30	289
Pedestrian	359	5	35	64	48	207
Struck Other MV	22,689	47	358	1,103	1,704	19,477
Parked MV	1,211	—	9	73	73	1,056
RR Train	22	3	2	1	2	14
Pedalcyclist	311	—	18	79	40	174
Animal	2,247	—	8	26	27	2,186
Fixed Object	2,002	16	126	273	201	1,386
Fire/Explosion	62	—	—	—	—	62
Submersion	5	—	—	—	1	4
Other Object	171	—	4	19	15	133
Unknown	7	—	—	1	—	6
TOTAL	32,170	100	763	2,117	2,567	26,623

*SUMMARY OF REPORTABLE ACCIDENTS BY CITY
POPULATION 5,000 AND OVER

	Total	Fatal	Injury	Damage	Number Killed	Number Injured
Fargo	2,093	2	577	1,514	2	844
Grand Forks	1,175	3	378	794	3	546
Bismarck	1,244	3	374	867	3	520
Minot	928	3	232	693	5	325
Jamestown	426	—	126	300	—	192
Dickinson	313	1	73	239	1	88
Williston	272	1	72	199	1	98
Mandan	234	—	57	177	—	87
Valley City	137	—	47	90	—	66
Devils Lake	183	—	44	139	—	61
Wahpeton	132	—	36	96	—	45
Grafton	122	1	23	98	1	29
West Fargo	173	—	45	128	—	65
TOTALS	7,432	14	2,084	5,334	16	2,966

VEHICLE INVOLVEMENT BY TYPE

	Total Accidents	Percent	Fatal Accidents	Injury Accidents
Passenger Car	14,078	61.2	66	3,853
Pickup - Van - Jeep	4,907	21.3	37	1,211
Truck Tractor	439	1.9	7	120
Truck	394	1.7	7	116
Taxi	7	—	—	—
Bus	41	0.2	—	8
School Bus	49	0.2	1	15
Motorcycle	292	1.3	7	253
Moped	11	—	—	11
Pedalcycle	133	0.6	—	131
Construction Equipment	27	0.1	—	6
Snowmobile	5	—	—	3
Emergency Equipment	31	0.1	—	11
Train	19	0.1	3	6
Motor Home/R.V.	21	0.1	—	4
Farm Equipment	61	0.3	5	20
Parked	2,366	10.3	—	394
Other	30	0.1	—	18
Unknown	103	0.5	—	34
TOTALS	23,014	100.0	133	6,214

*Does not include Interstate urban accidents.

ACCIDENTS BY OBJECT STRUCK

	All Urban	All Rural	Fatal Urban	Fatal Rural	Injury Urban	Injury Rural
None	6,681	3,607	9	57	1,822	1,125
Official Sign	108	106	1	1	35	25
Advertising Sign	11	5	1	—	6	2
Delineator	13	67	—	—	3	17
Guardrail	43	126	1	2	15	41
Light Standard	90	20	—	—	26	7
Bridge	18	61	—	—	4	13
Drainage Structure	6	35	—	1	3	16
Utility Pole	111	74	—	—	40	18
Tree	97	93	—	1	45	25
Rocks	2	12	—	—	1	3
Roadway Slope	8	173	—	5	7	84
Fence	34	79	—	1	6	34
Animal	20	1,319	—	—	2	51
Hydrant	34	9	—	—	6	1
Approach	3	126	—	5	3	80
Building	26	28	1	—	11	4
Mailbox	16	34	—	—	3	11
Snowbank	27	52	—	—	10	13
Curb/Wall	40	7	—	—	17	3
Other	44	81	1	1	19	27
TOTAL	7,432	6,114	14	74	2,084	1,600

ACCIDENTS BY POPULATION AND ROADWAY

URBAN (Over 5,000 Population)

*Urban Population	NUMBER OF ACCIDENTS TOTAL				NUMBER OF PERSONS TOTAL	
	Total	Fatal	Injury	Damage	Killed	Injured
5,000 — 10,000	574	1	150	423	1	201
10,000 — 25,000	1,418	2	373	1,043	2	530
25,000 — 50,000	3,347	9	984	2,354	11	1,391
50,000 — 100,000	2,093	2	577	1,514	2	844
TOTAL	7,432	14	2,084	5,334	16	2,966

URBAN

Urban Roadways	Total	Fatal	Injury	Damage	Killed	Injured
Interstate	154	2	41	111	2	46
Federal-aid Primary	2,274	9	666	1,599	10	953
Federal-aid Urban	3,172	4	921	2,247	4	1,321
Local	1,983	1	496	1,486	2	691
SUBTOTAL	7,583	16	2,124	5,443	18	3,011

RURAL

Rural Roadways	Total	Fatal	Injury	Damage	Killed	Injured
Interstate	542	6	146	390	6	236
Federal-aid Primary	2,148	33	541	1,574	42	883
Federal-aid Secondary	1,120	17	332	771	17	514
Local	2,153	16	541	1,596	17	803
SUBTOTAL	5,963	72	1,560	4,331	82	2,436
TOTAL	13,546	88	3,684	9,774	100	5,447

*Does not include Interstate urban accidents. Interstate is considered a rural roadway.

NON-TRAFFIC ACCIDENTS*

	ACCIDENTS			
	Total	Fatal	Injury	Damage
Overturning	59	1	33	25
Other Noncollision	18	1	12	5
Pedestrian	26	2	24	—
Struck Other MV	445	1	33	411
Parked MV	542	—	15	527
RR Train	2	—	—	2
Pedalcyclist	9	—	9	—
Animal	1	—	—	1
Fixed Object	240	1	34	205
Other Object	24	1	4	19
Fire/Explosion	5	—	—	5
Submersion	1	—	—	1
Unknown	1	—	—	1
TOTAL	1,373	7	164	1,202

	PERSONS					
	Total	Fatalities	Incap. Injury	Evident Injury	Possible Injury	None
Overturning	89	1	10	27	9	42
Other Noncollision	37	1	6	7	2	21
Pedestrian	67	3	8	12	5	39
Struck Other MV	1,158	1	3	11	30	1,113
Parked MV	656	—	4	6	10	636
RR Train	2	—	—	—	—	2
Pedalcyclist	17	—	1	5	3	8
Animal	1	—	—	—	—	1
Fixed Object	332	1	7	22	14	288
Other Object	28	1	1	2	1	6
Fire/Explosion	6	—	—	—	—	1
Submersion	1	—	—	—	—	23
Unknown	1	—	—	—	—	1
TOTAL	2,395	8	40	92	74	2,181

*Any accident involving motor vehicles occurring entirely outside of a public traveled way.